



PHENIX[™]
CONSTRUCTION TECHNOLOGIES
(A DIV. OF M&B ENGINEERING LTD.)

FABRICATED HOT ROLLED STRUCTURES



The M&B Group

M&B Group is an Ahmedabad-based, six decade old infrastructure giant that primarily provides large-scale turnkey solutions in the Construction and Engineering fields. An in-depth knowledge of construction, top-notch equipments, technologically advanced capabilities, progressive management and a strong execution team has made the Group a reliable name in the infrastructure sector. The group undertakes a plethora of projects in various sectors such as power, irrigation, maritime, industrial construction, highways, railways, bridges, flyovers etc.

Phenix Construction Technologies

Phenix Construction Technologies, a subsidiary of M&B Engineering Ltd., is a future-ready steel construction solutions provider that specializes in the design, fabrication and erection of Pre-Engineered Buildings and their components. With a state-of-the-art manufacturing facility near Ahmedabad (Gujarat) having production capacity of 60,000 MT per annum, Phenix operates with the unmitigated zeal to redefine and give a new dimension to the construction and infrastructure sector. Now, in a bid to widen the scope of its offering to the infrastructure industry, Phenix has entered the Structural Steel business.

USPs

- State-of-the-art fabrication facility
- More than 60 years of experience in infrastructure space
- Advanced design, detailing and planning processes with latest software
- Totally programmable CNC driven equipment, eliminating human error
- Capacity to work with all the relevant industry standards
- Excellent on-time record
- Single source responsibility
- Global experience
- ISO 9001:2008 and OHSAS 18001:2009 accredited, MES certified

STATE-OF-THE-ART PRODUCTION FACILITY

Plasma

For cutting webs and flanges



Oxy Torch

For cutting heavy flanges, base plates & connection plates



3-axis CNC Saw and Drill

For processing all kinds of Hot Rolled sections



PRODUCTION EQUIPMENT

Fit & Weld Stations

Base plates, stiffeners and connecting plates are precisely fitted & welded as per customer drawing.



Shot Blasting and Primer Paint

Superior surface preparation up to SA 2.5 in a shot blasting chamber and various types of primer coatings applied at the plant.



APPLICATIONS

Power Plant Structures



Boiler Support Structures



Road Bridge Girders



Railway Bridge Girders



Shipyards Structures



Steel Plant Structures



PRODUCT RANGE

Size

- Flange up to 600mm
- Web or depth up to 1200mm

Grade

- IS:2062 (Gr 36)
- ASTM A 572 (Gr 50)
- S235 JR, J0, J2 K2, +AR, +N
- S275 JR, J0, J2 K2, +AR, +N
- S355 JR, J0, J2 K2, +AR, +N



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